

FIG.1

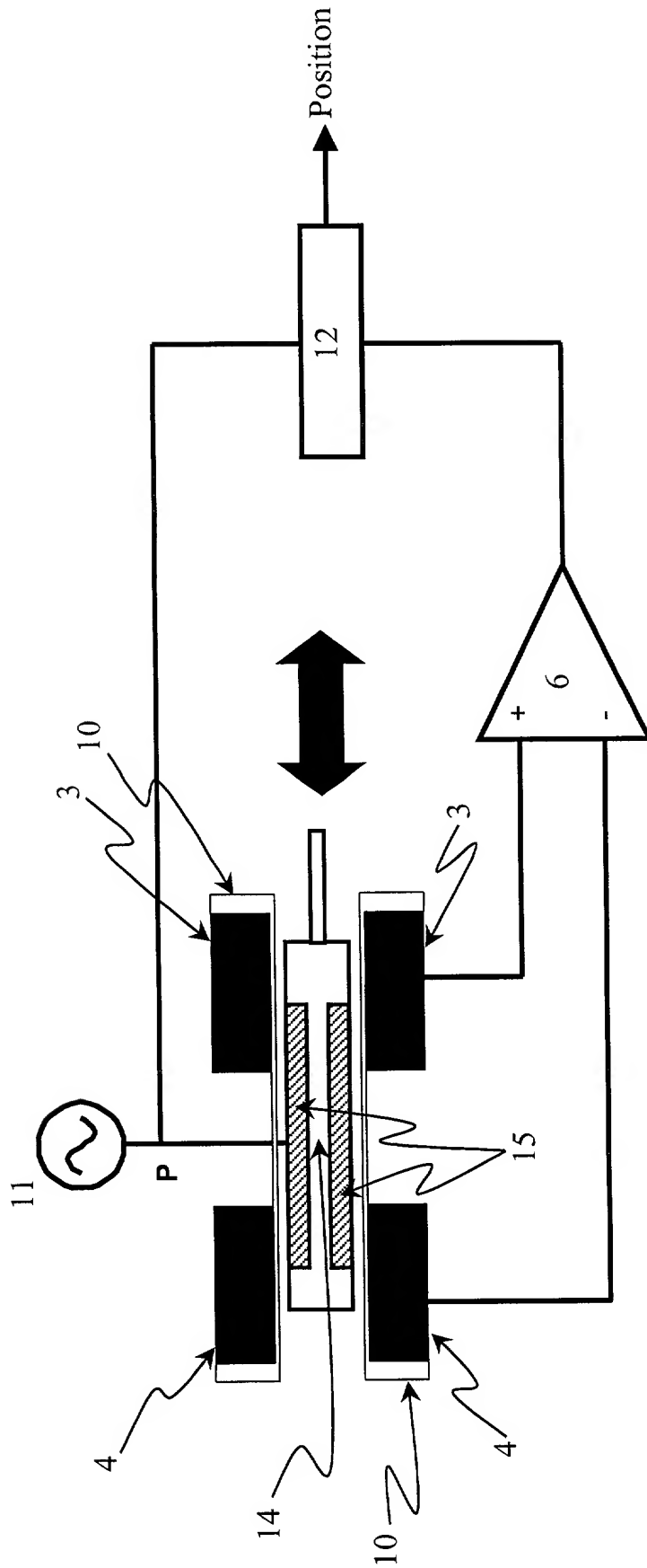


FIG.2

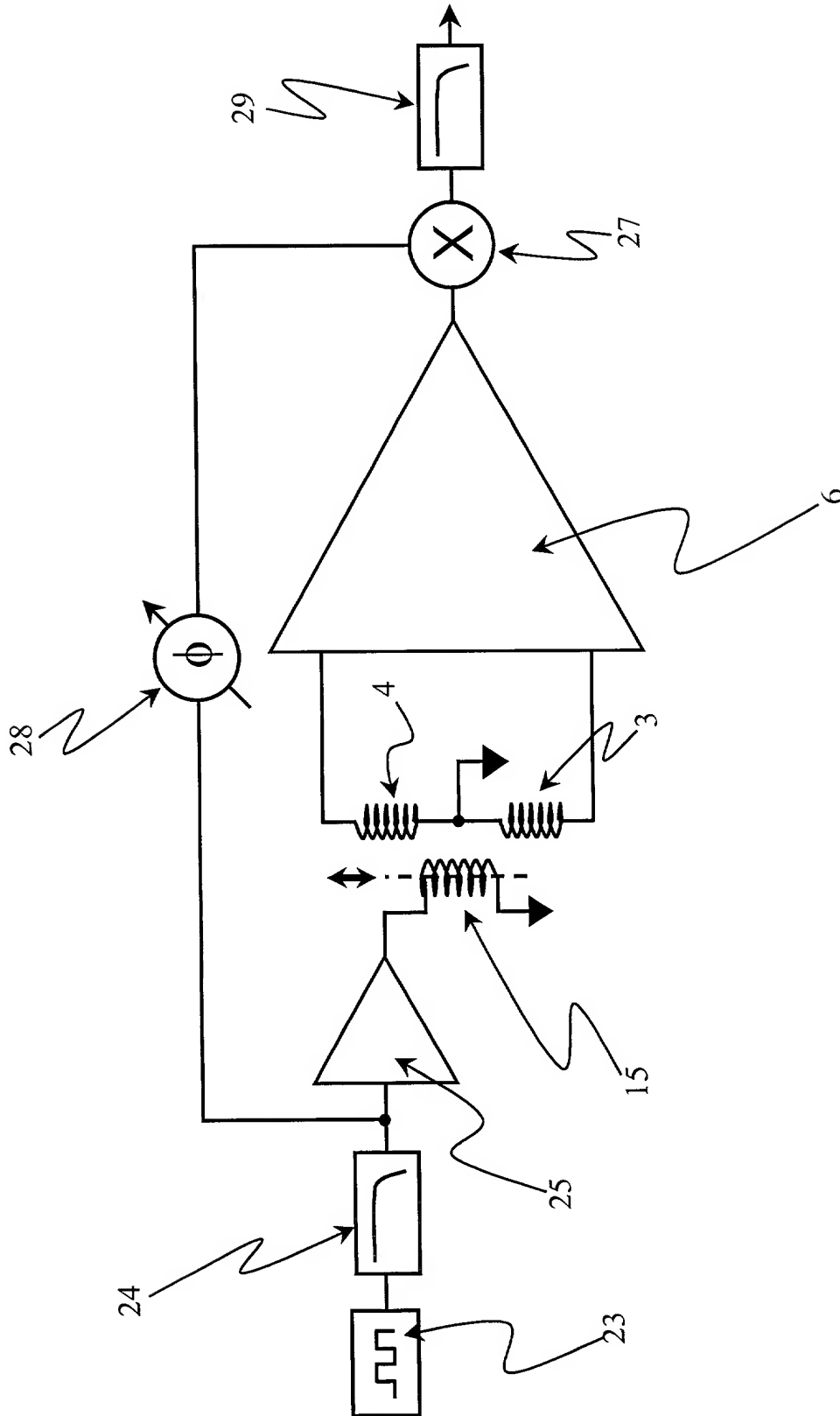


FIG.3

FIG. 5

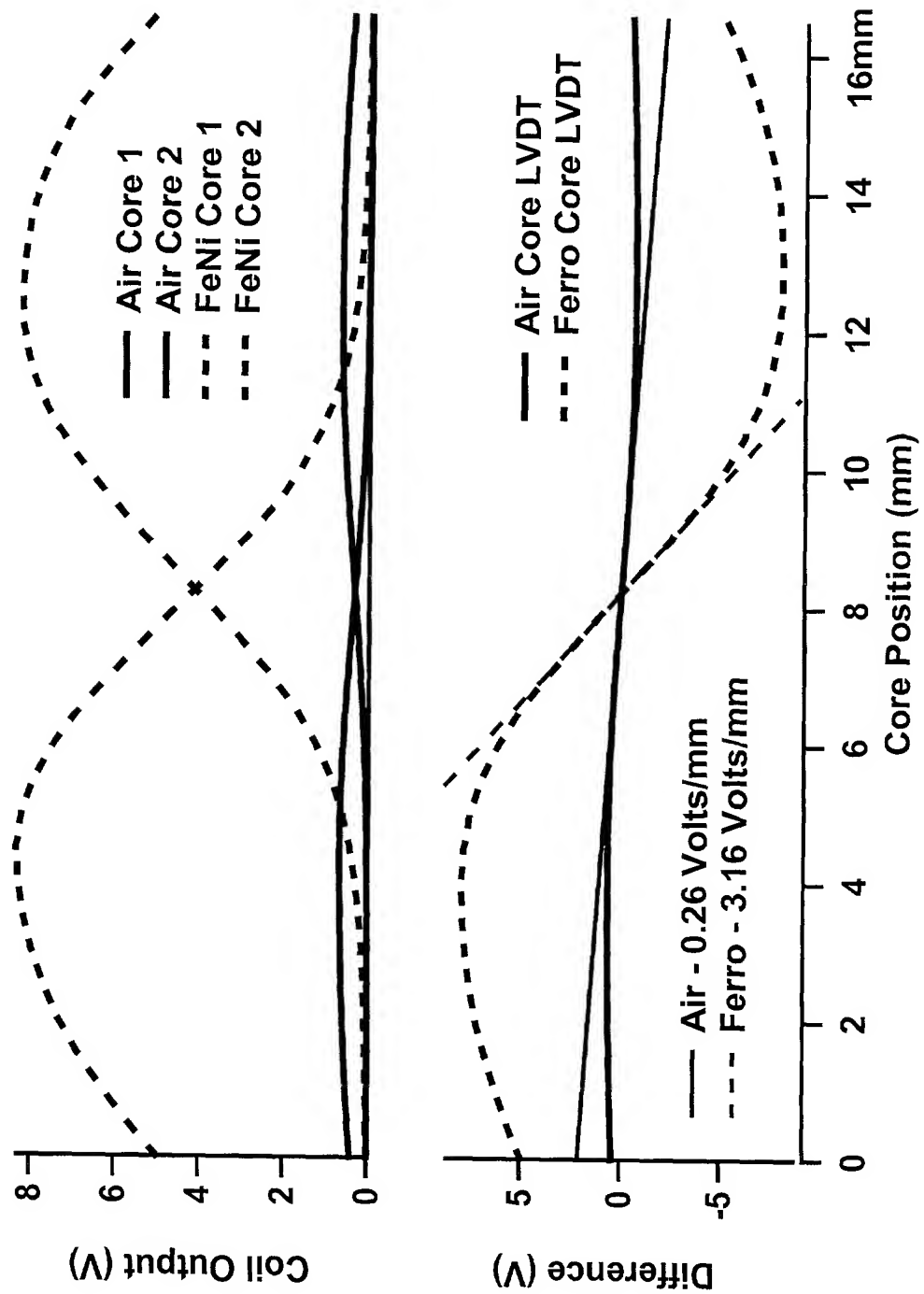


FIG. 5

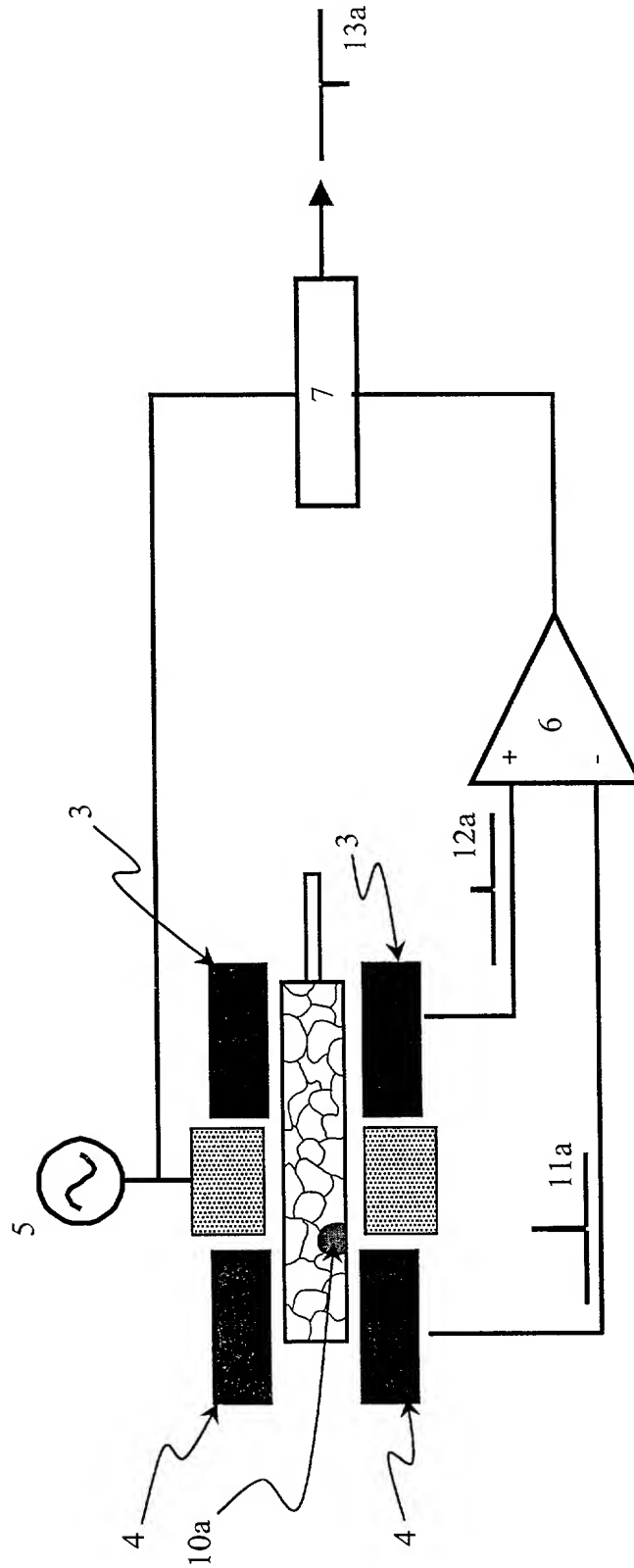


FIG. 6

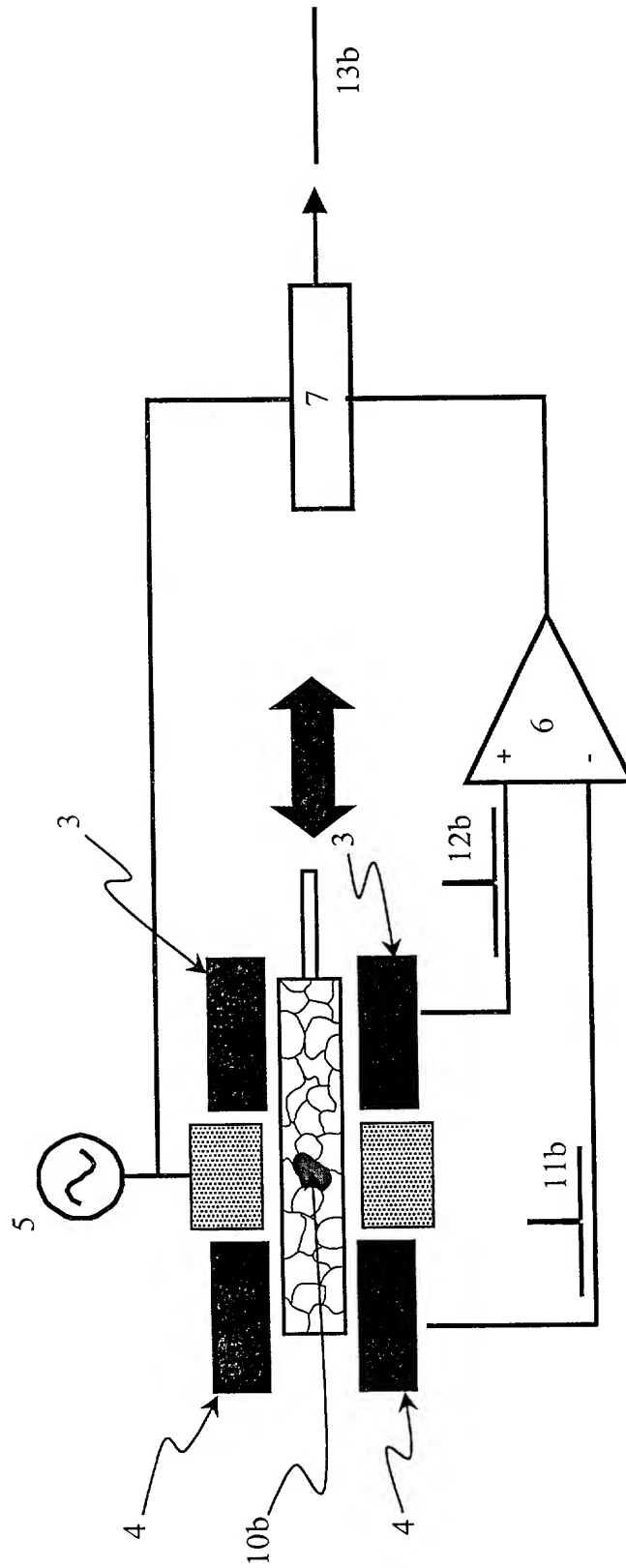


FIG. 7

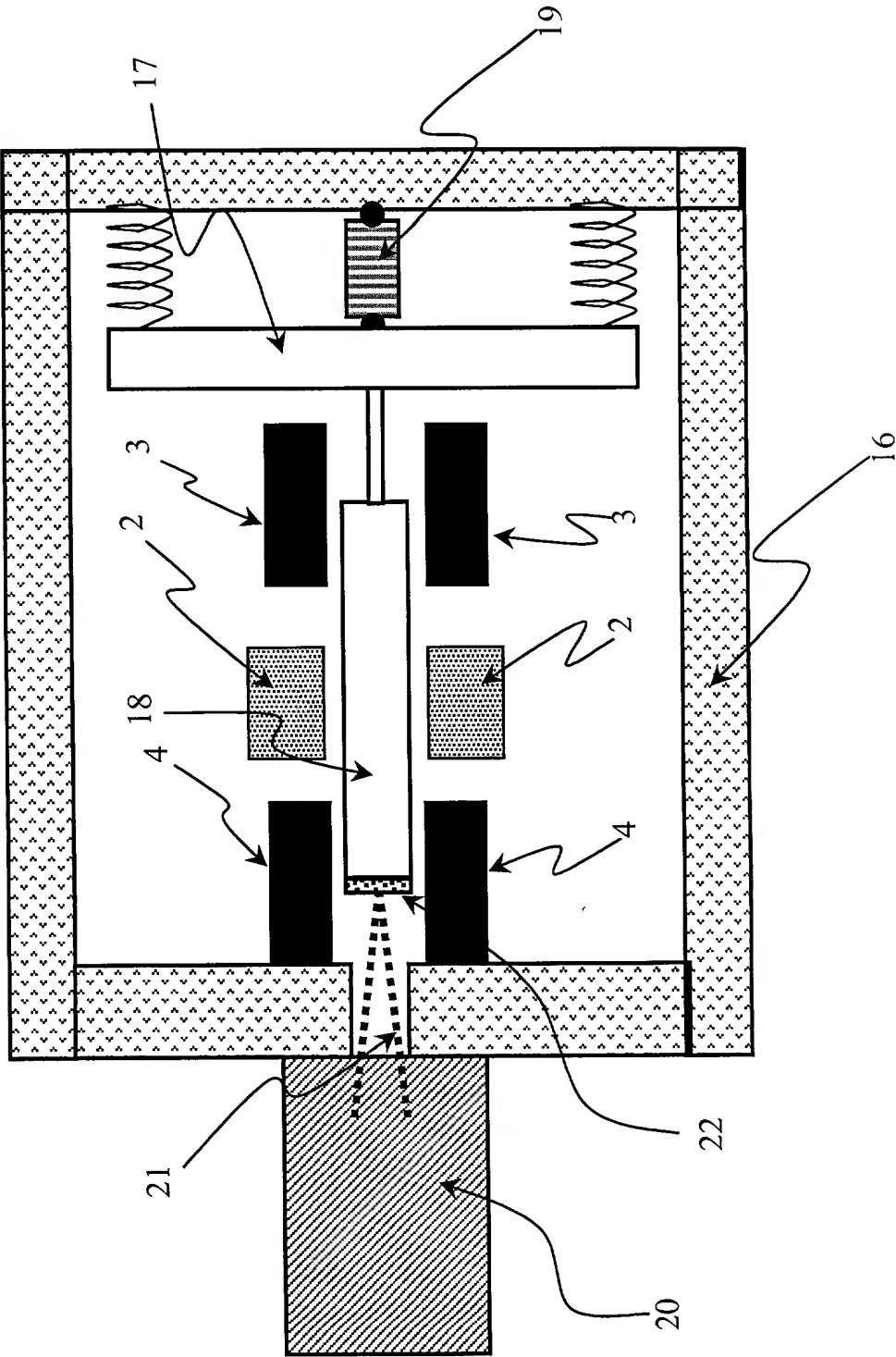


FIG. 8

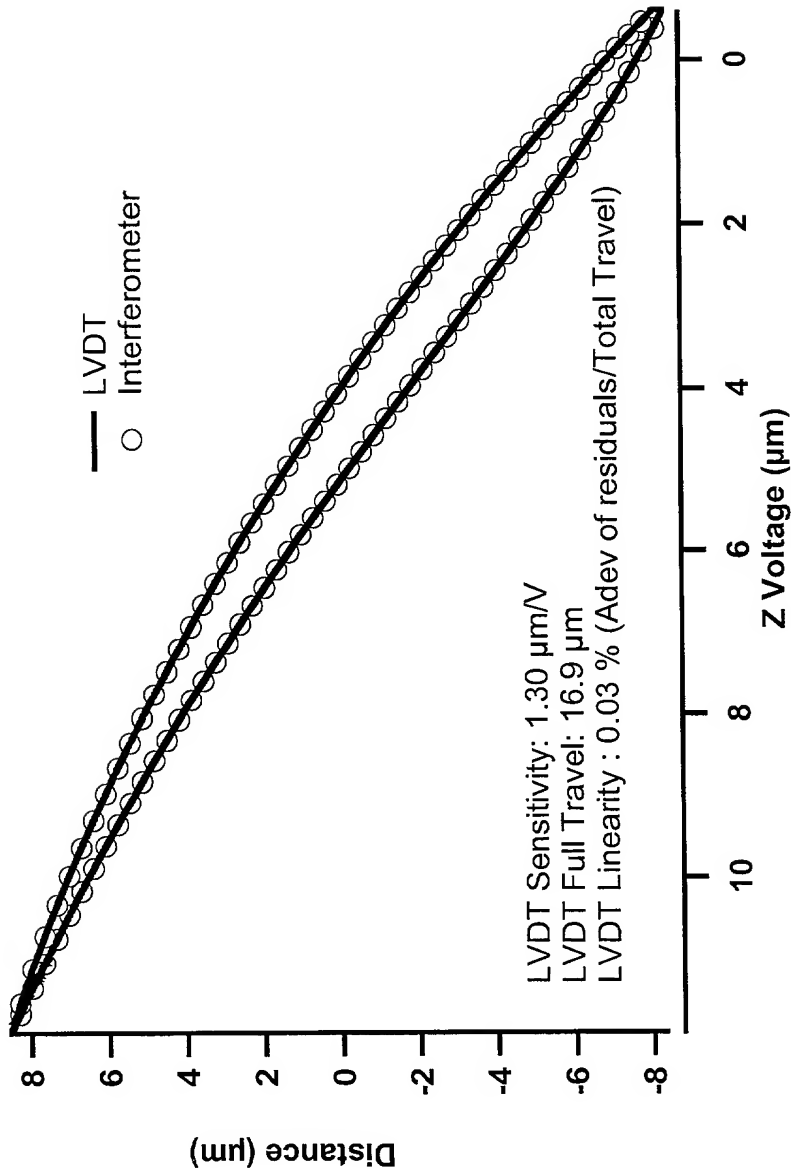


FIG. 9

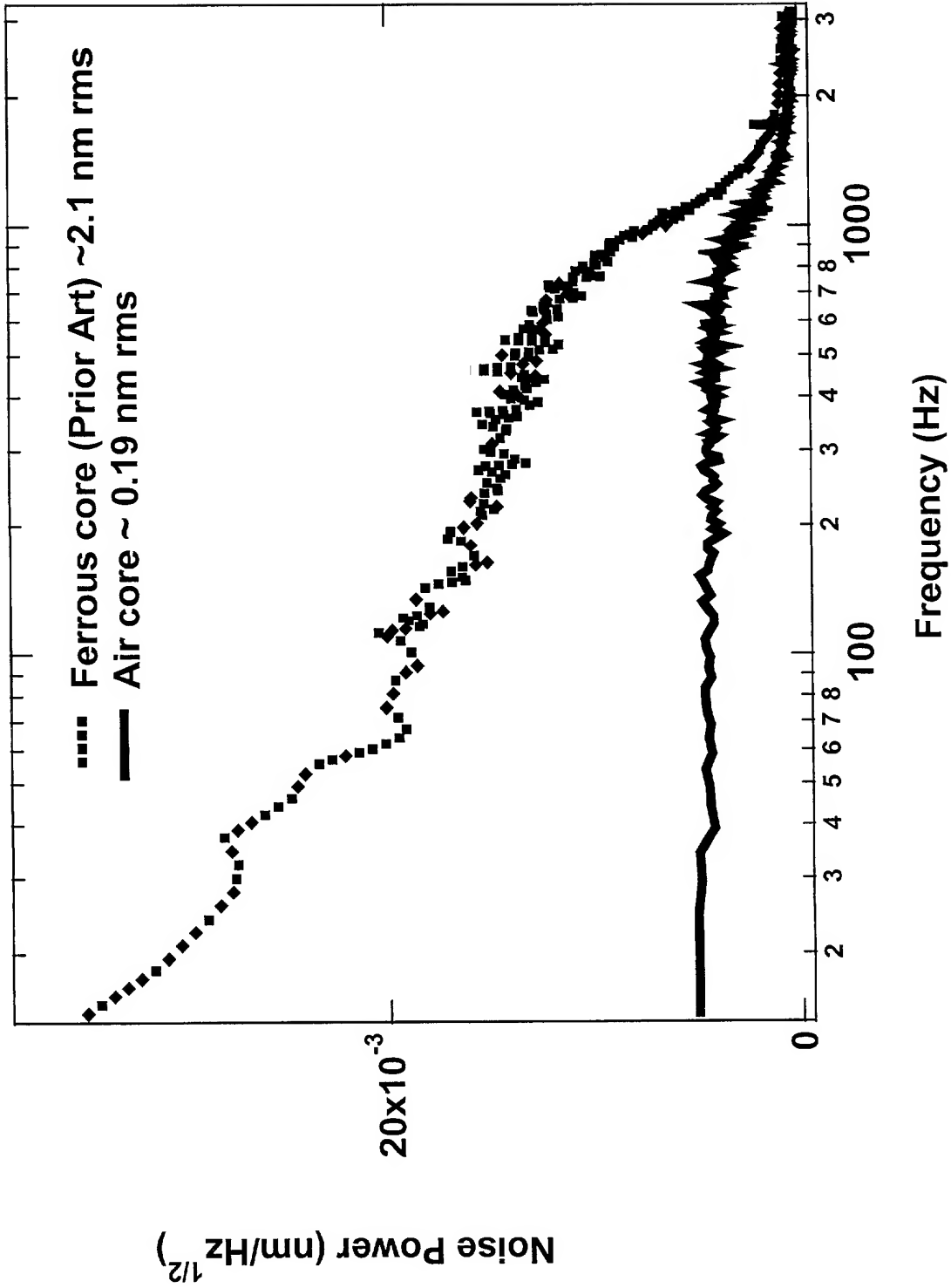
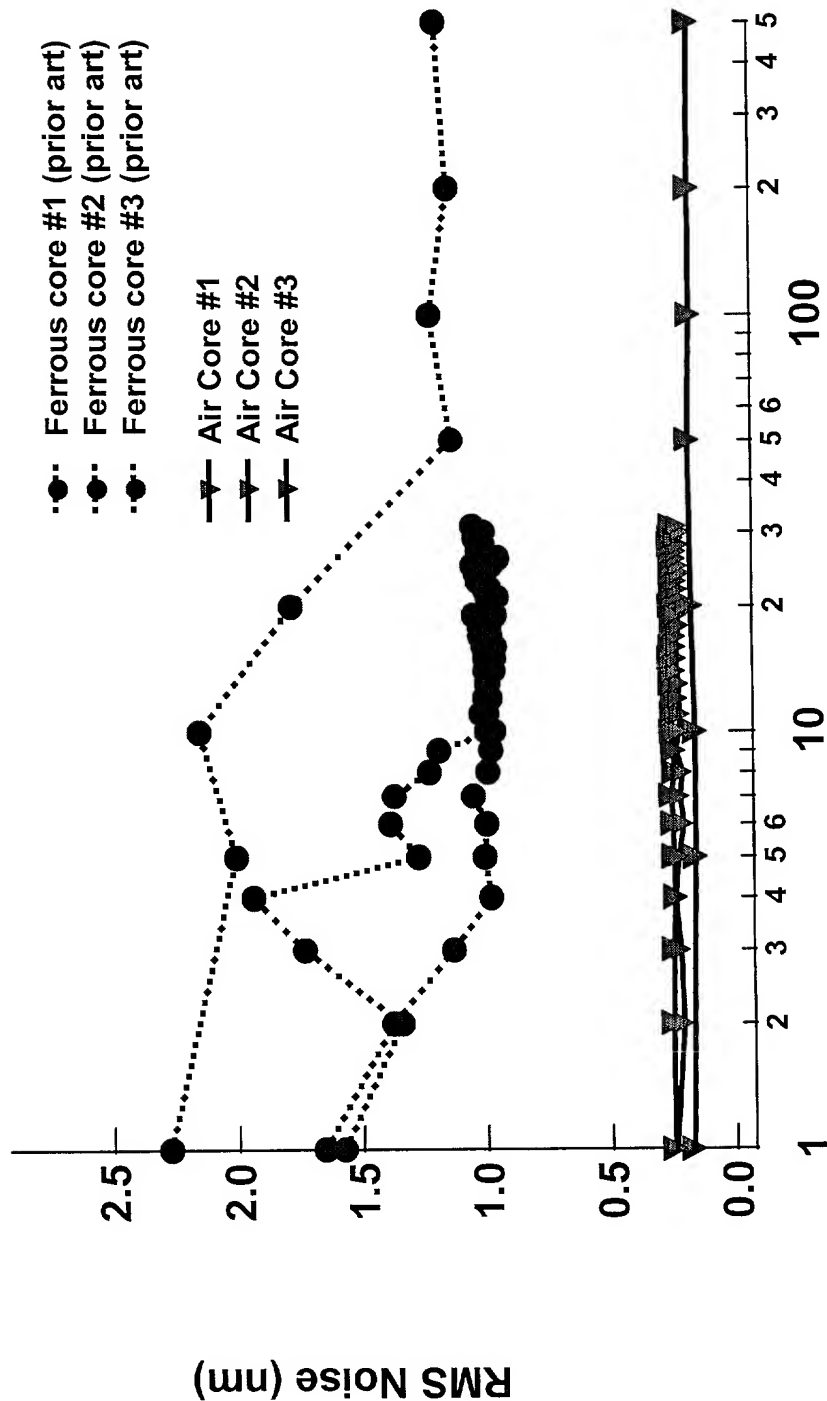


FIG. 10

DOCKET # 5449T001

Noise vs. Time for ferromagnetic and non-ferromagnetic cores



Elapsed Time (minutes)

FIG.11

Positional Noise vs. Primary Coil Drive Amplitude

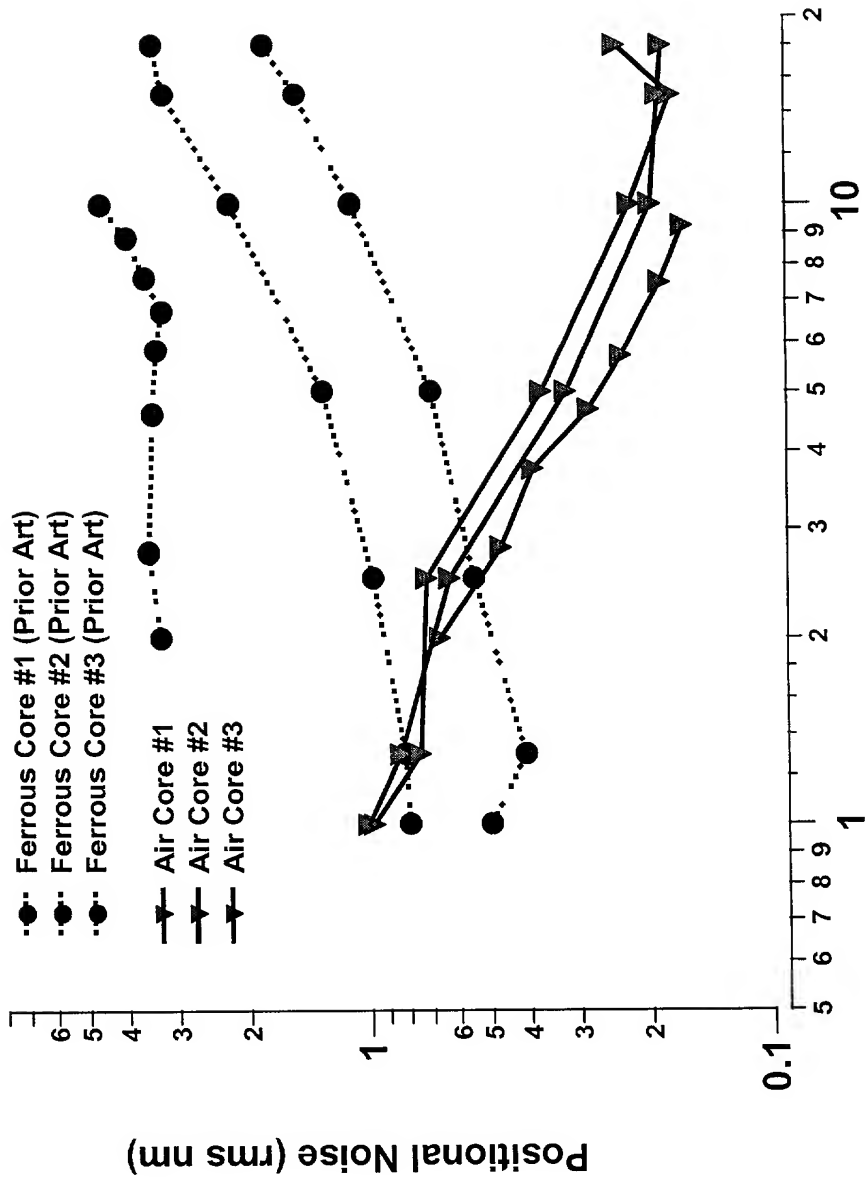


FIG. 12

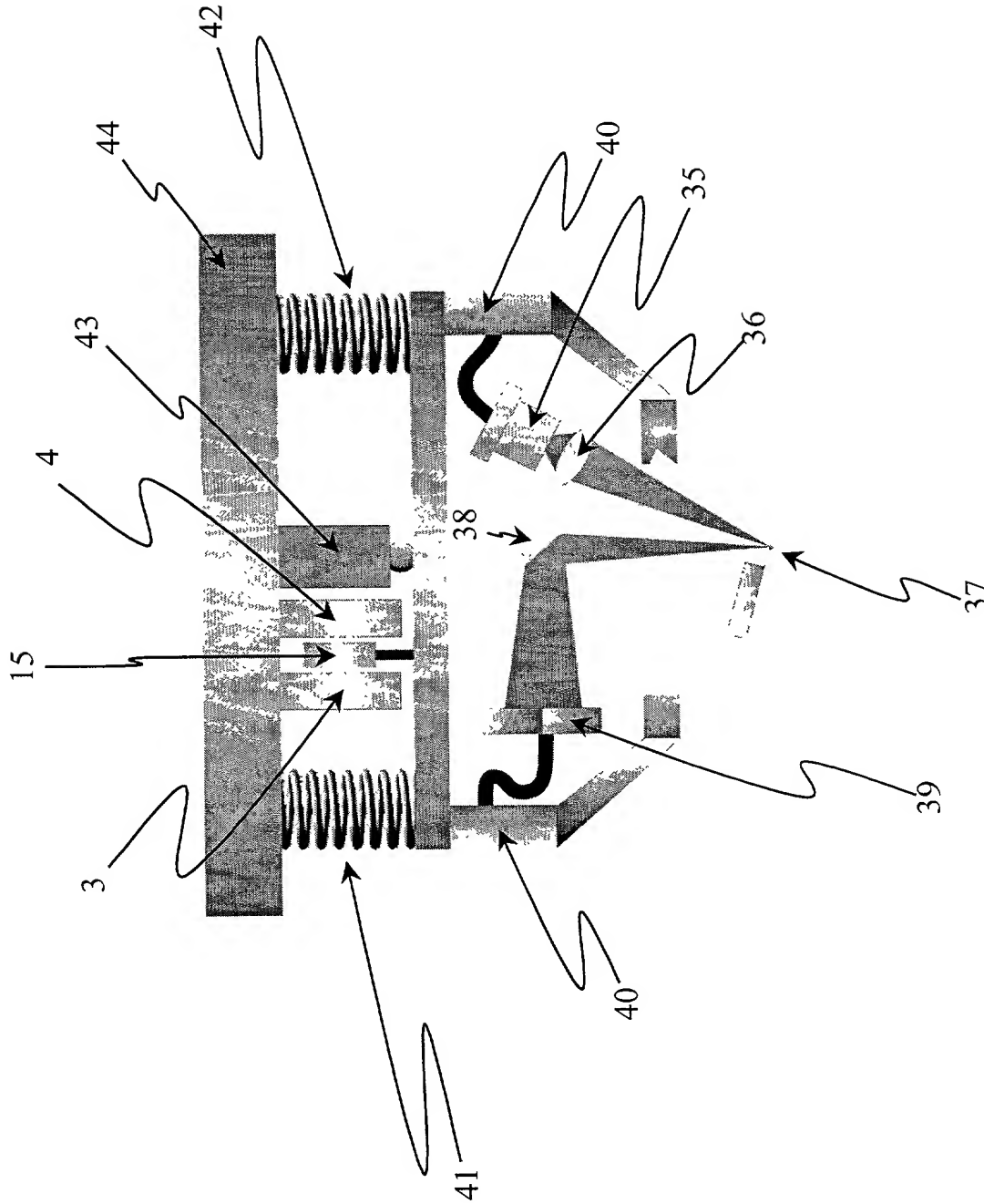


FIG. 13

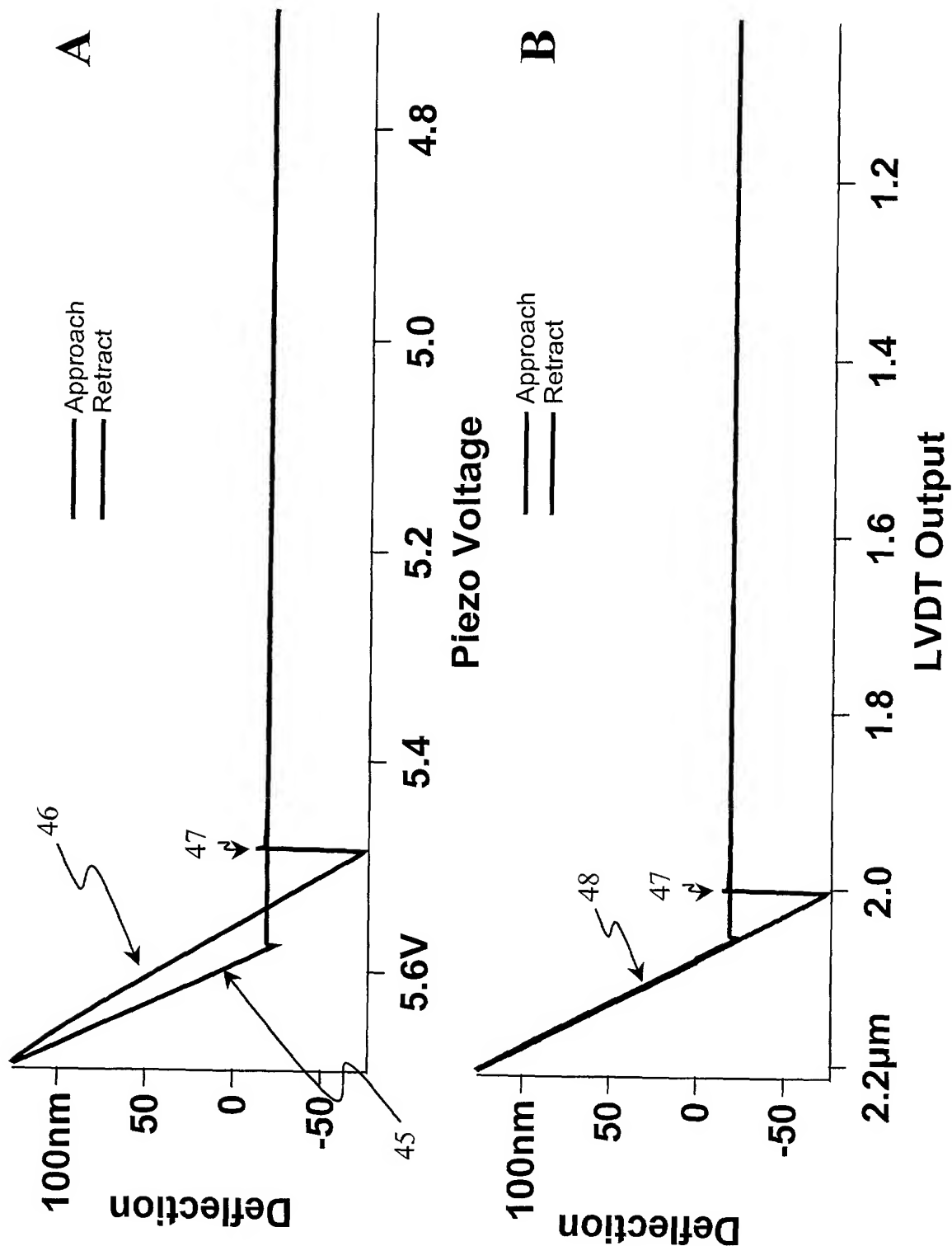


FIG. 14

FIG. 15

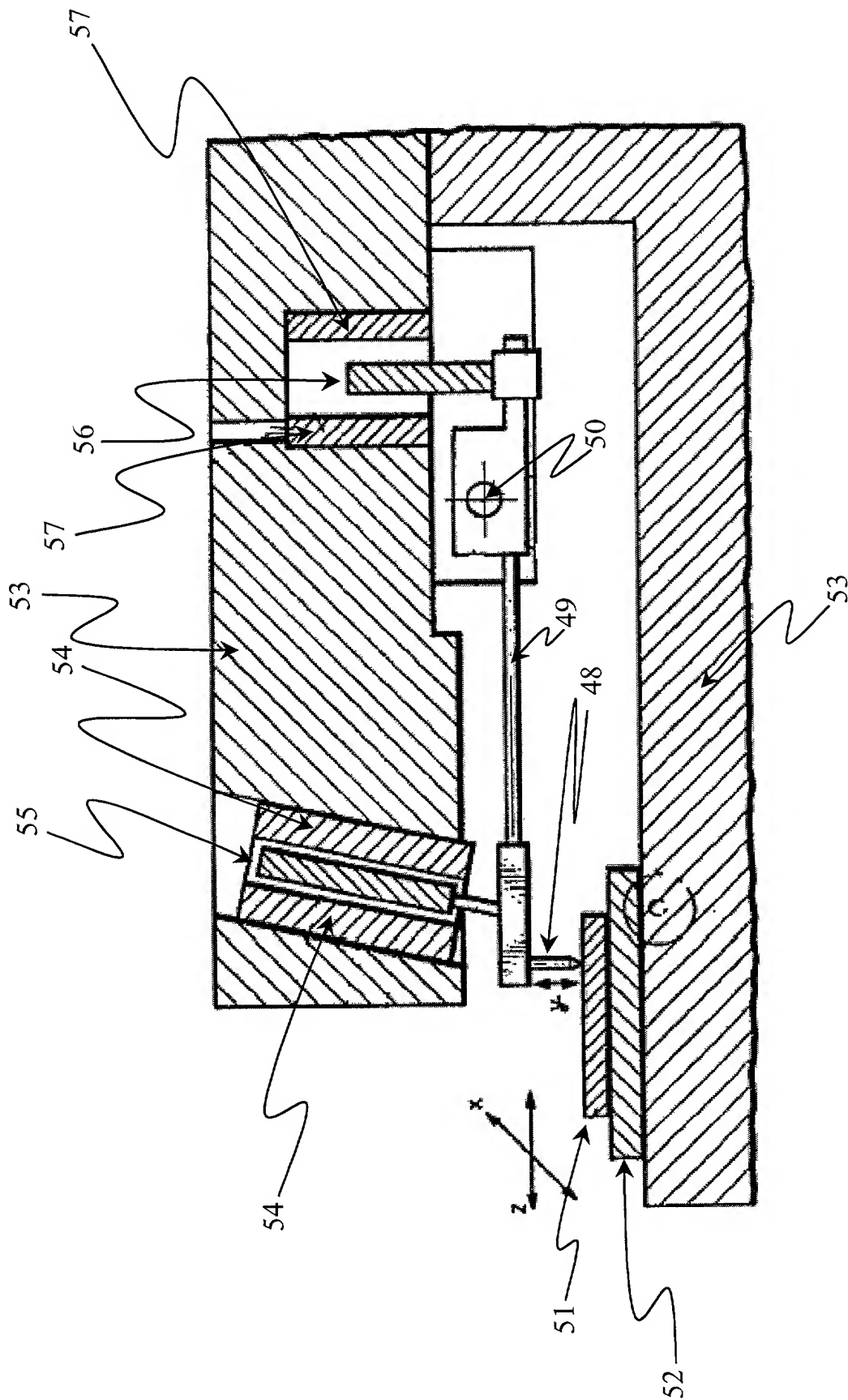


FIG. 15

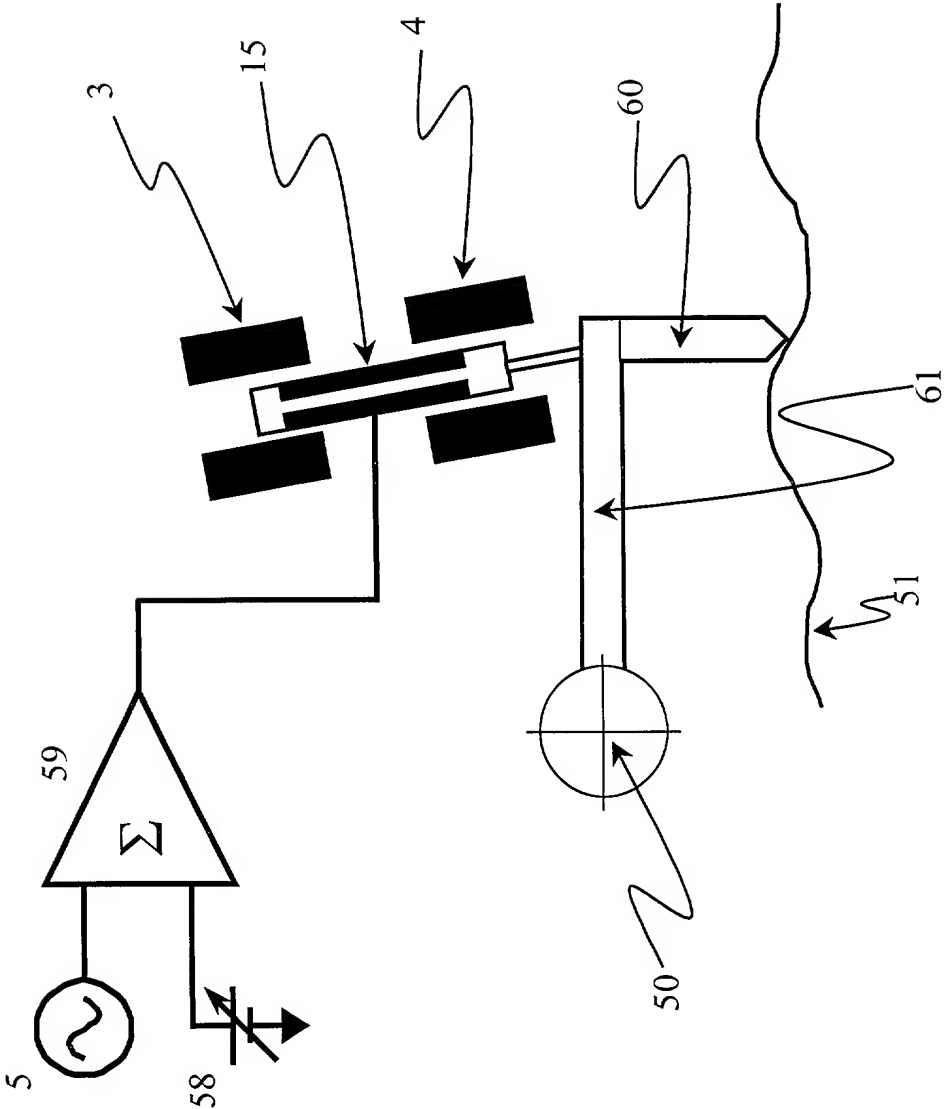


FIG.16

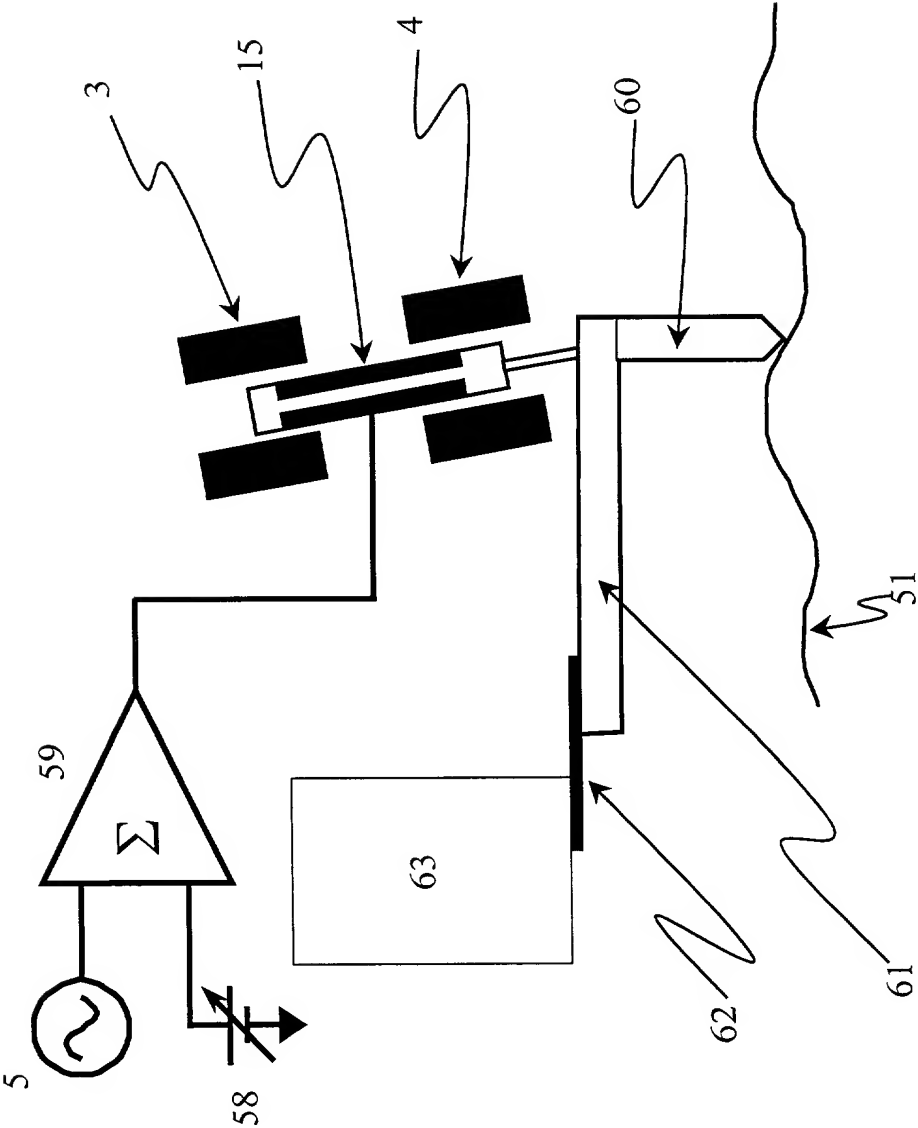


FIG.17

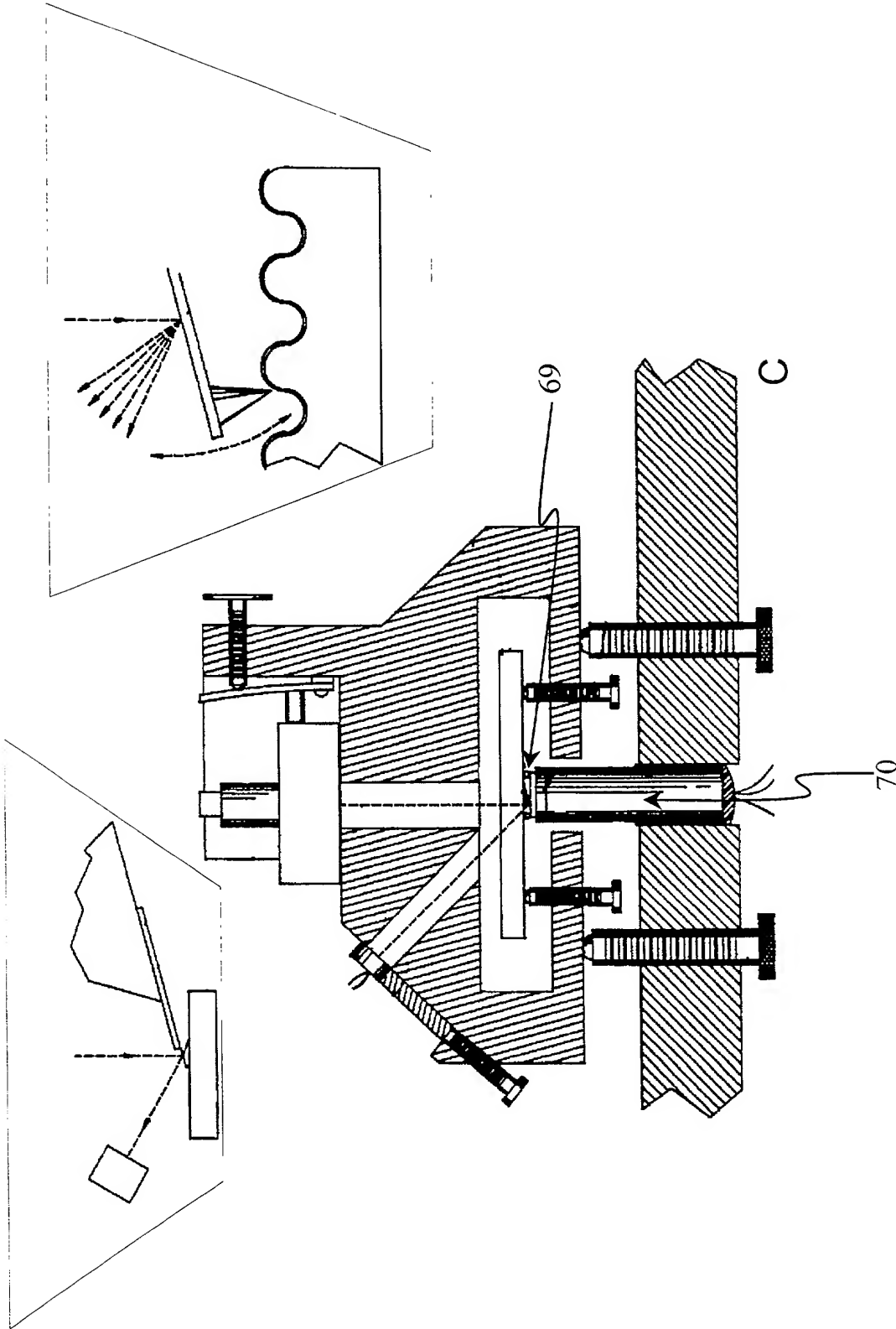


FIG. 18

FIG. 19

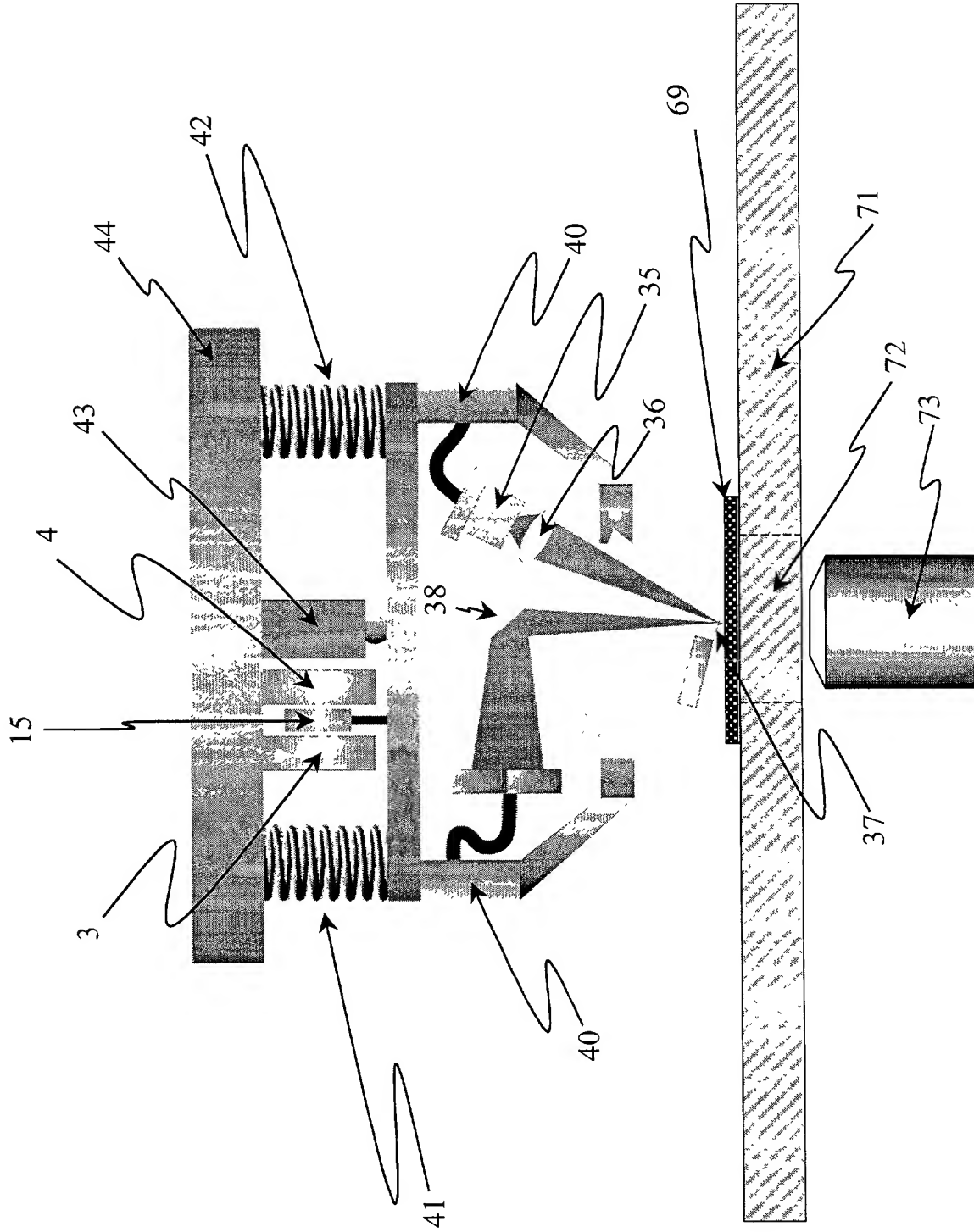


FIG. 19

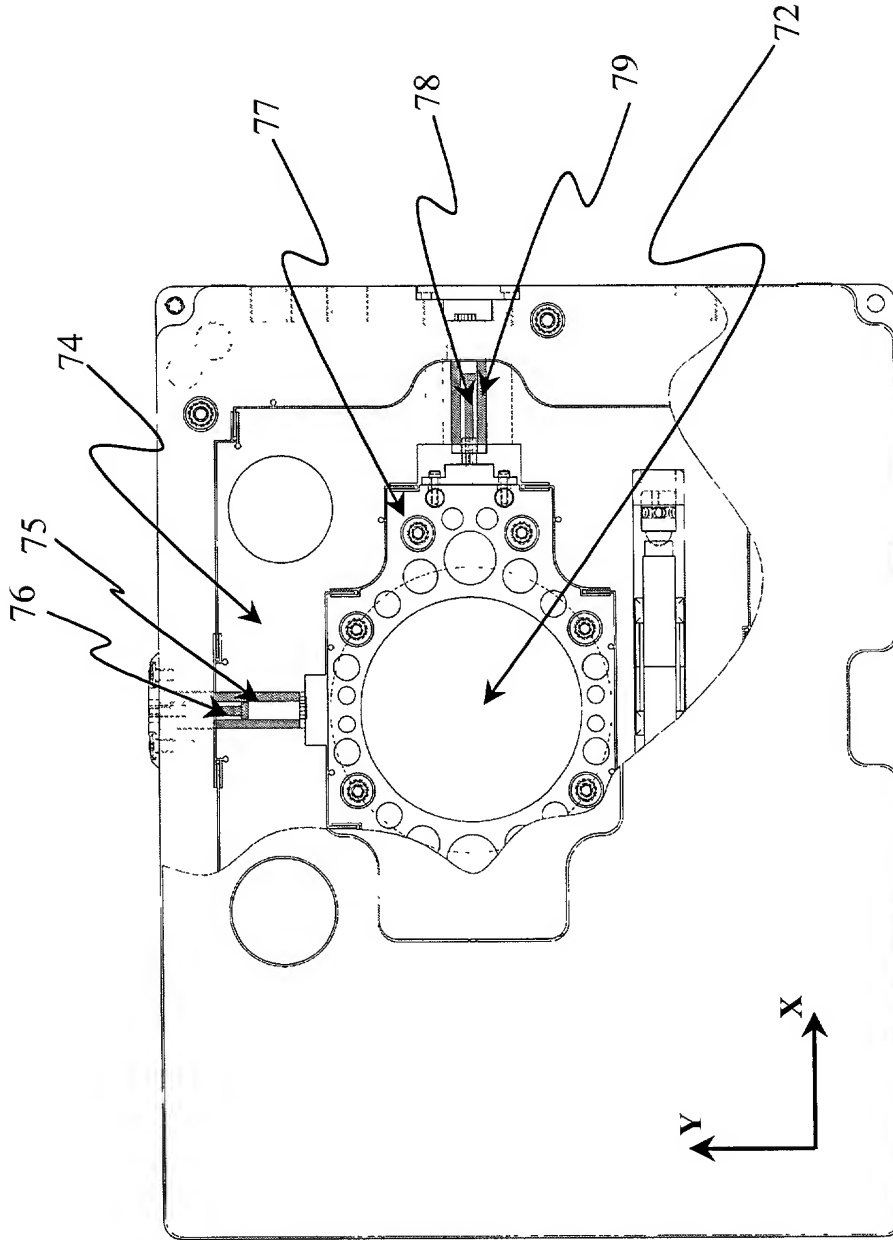


FIG. 20

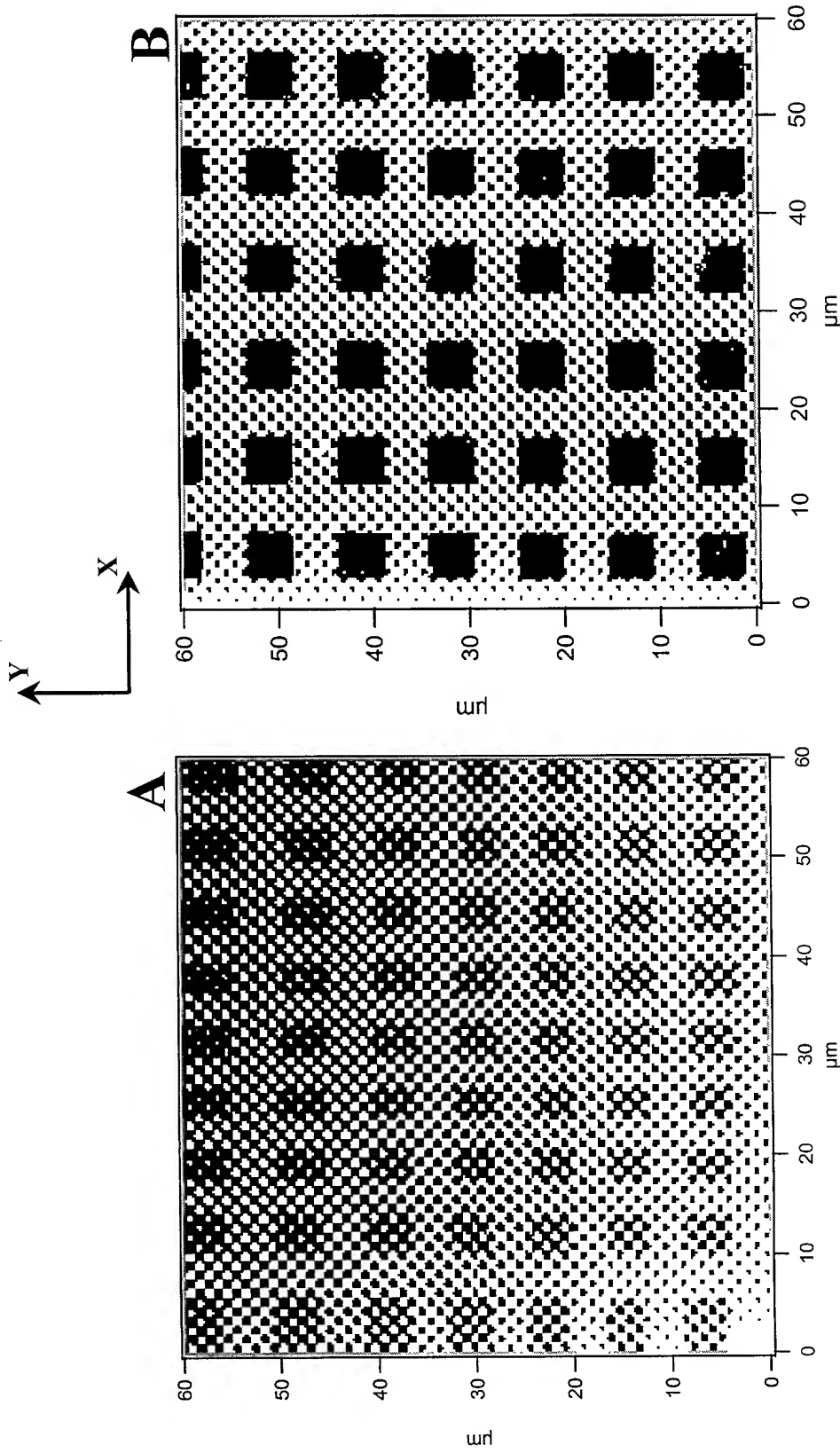


FIG. 21